

INTERNAL MAINTENANCE SCHEDULE REQUEST FOR NON-VOLATILE MEMORY SYSTEM

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ABSTRACT

Methods and apparatus for enabling updates to data structures to be scheduled are disclosed. According to one aspect of the present invention, a method for operating a memory system with a non-volatile memory that includes a plurality of physical blocks and a plurality of data structures including an erase count block involves determining
10 when contents of at least one data structure is to be updated. A request to update the contents of the data structure is queued or scheduled when it is determined that the contents are to be updated, and the request is executed when it effectively reaches the top of the queue.

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